Name _____ Period _____

Volcanoes Chapter Test A

Directions Part A: *Identify each type of volcano and then fill in the table with the appropriate information about each type of volcano.*

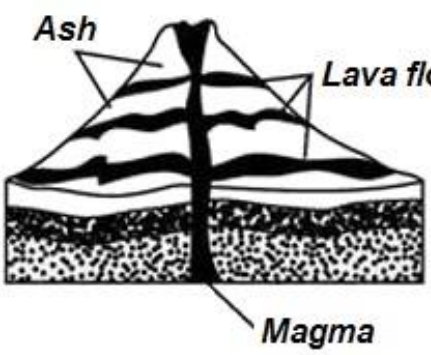


Figure 1

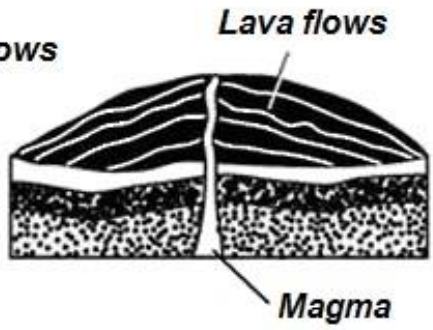


Figure 2

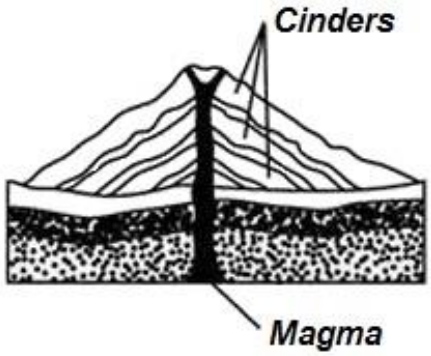


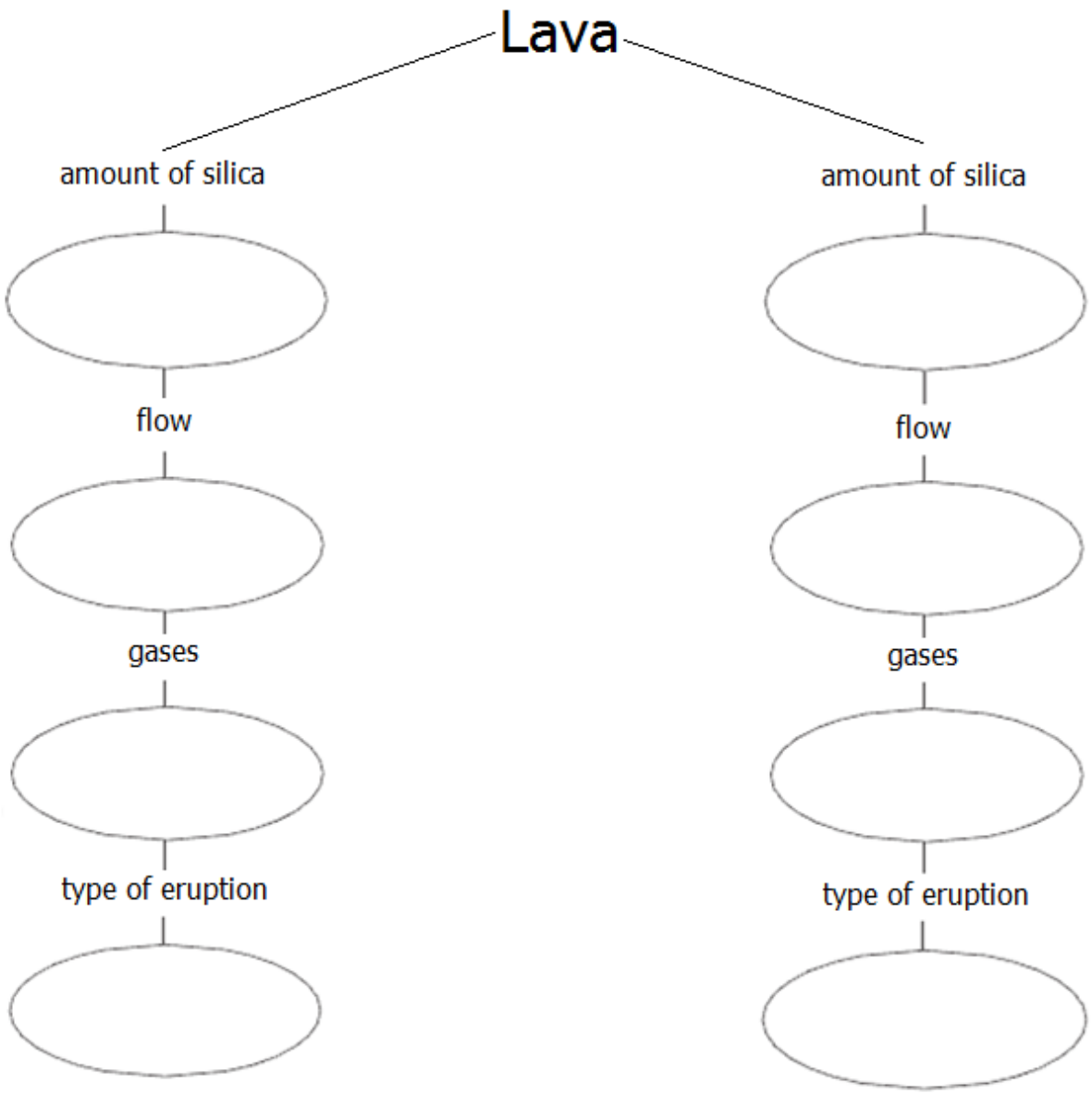
Figure 3

Type of Volcano	Composition	Shape of Volcano	Example
1.			
2.			
3.			

Directions Part B: Use the space below to **LABEL** and draw contour lines that show the slope for Volcano 1 and Volcano 3.

Name _____ Period _____

Directions Part C: *Complete the concept map below.*



Name _____ Period _____

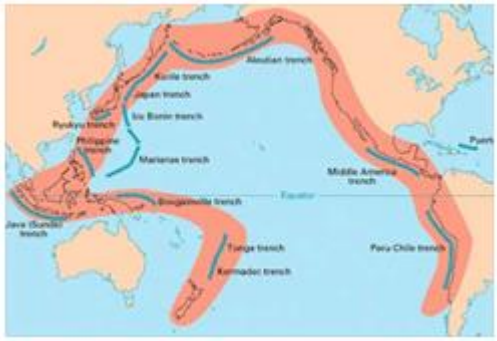
Directions Part D: *Use the terms in the box to complete each sentence below.*

tephra	Ring of Fire
rift valley	mid-ocean ridge
pyroclastic flow	viscosity
hot spot	lahar
caldera	ash

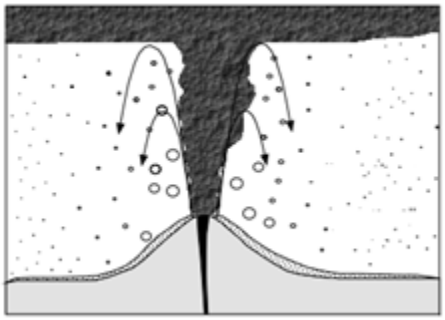
1. A(n) _____ is a large crater that forms after a volcano collapses.
2. The East Pacific Rise is an example of a(n) _____ , where plates are spreading apart.
3. The type of volcanic hazard that travels furthest from the volcano is _____ .
4. The term _____ describes how easily lava flows.
5. The Hawaiian Islands formed as a result of a(n) _____ , as the Pacific Plate moved over an area of rising magma.
6. The area around the Pacific Plate where volcanoes and earthquakes are common is known as the _____ .
7. A(n) _____ is a muddy river that flows down the sides of a volcano and can bury villages.
8. Pieces of hardened rock and lava that are thrown from a volcano are called _____ .
9. A(n) _____ can form at the top of a mid-ocean ridge or on a continent.
10. A cloudy mixture of hot ashes, rock and gases that forms from a volcanic explosion is a(n) _____ .

Name _____ Period _____

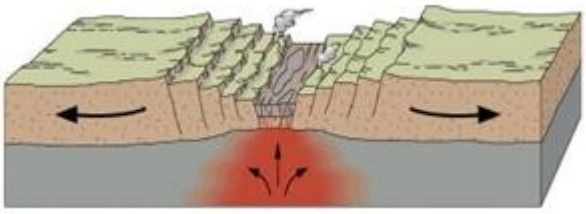
Directions Part E: *Use the terms from the box on the previous page to correctly identify the pictures below* ***(not all terms will be used)****.*



1. _____ **2.** _____

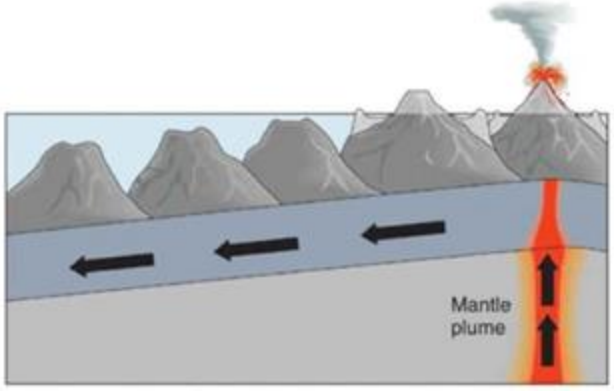


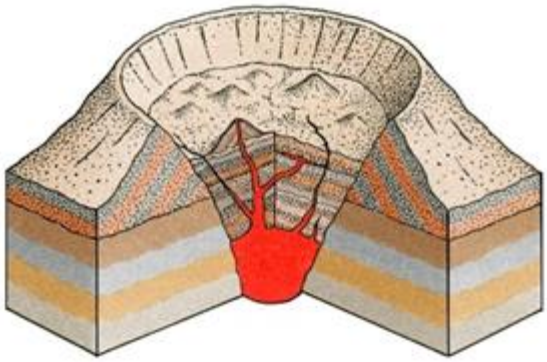
3. _____ **4.** _____



5. _____ **6.** _____

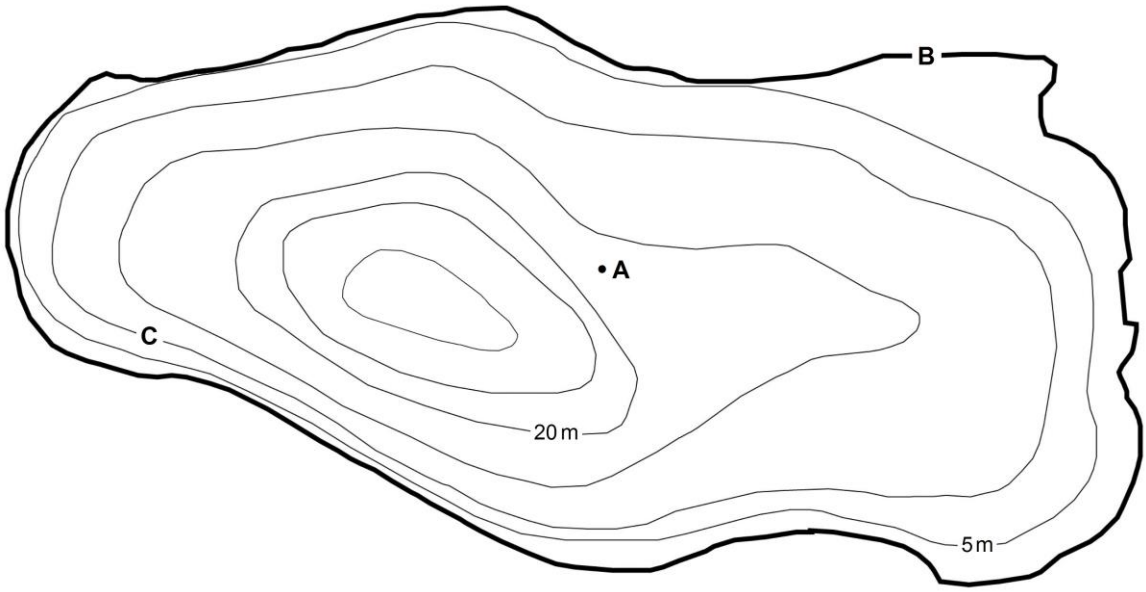
Name _____ Period _____





7. _____ 8. _____

Directions Part F: *Use the topographic map to answer the following questions. Don't forget the units!*



1. What is the contour interval of the map? _____
2. What is the lowest elevation on the map? _____
3. What is the highest elevation on the map? _____
4. What is the relief on the map? _____
5. What is the approximate elevation at Point A? _____
6. What is the elevation at Point B? _____
7. What is the elevation at Point C? _____
8. Circle the area of the map that has the steepest slope (circle at least **FOUR** lines).

Name _____ Period _____

Directions Part G: *Answer the questions below using complete sentences.*

1. Explain how slope, temperature, and silica content affect the viscosity of lava.

2. **Compare and contrast** volcanic bombs, lapilli and ash. _____

3. Describe how volcanic eruptions can affect global climate. _____